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PATENT
02140-P0002A GSW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	Giovanni D'Agostini
Serial No. Pending	Filing Date: September 26, 2001
Title of Application	Character Input Device Based On A Two-Dimensional Movement Sensor

Assistant Commissioner for Patents
Washington, DC 20231

Preliminary Amendment

Dear Sir:

Please enter this preliminary amendment before examination of this case.

In the Claims

1. (Amended) An auto-writing system on monitor/screen [(21)], controlled by microprocessor characterized in that it provides:

- the replacement of the writing alphanumeric keyboard, with an auto-writing device [(5, 1a, MK, MKP, MPS, MC)] including a movement sensor according to the X,Y coordinates with respect to a surface, associated/able to said microprocessor that controls said monitor/screen [(4,21,5a)], in which:
- with vertical or predominantly vertical movements according to the "Y" ordinates, allow changing in scrolling-way the alphanumeric characters of interest, so that, when the movement stops or changes direction, the desired alphanumeric character remains on the screen;
- with horizontal or predominantly horizontal movement, according to the abscissas "X" axis, in the sense of advancing writing, at least the addition of said alphanumeric characters is operated.

3. (Amended) An auto-writing system according to [any of the preceding claims] claim 1, characterized in that it comprises automatic conversion means of the numerical value of "numtochar" ordinate into opportune character/punctuation, in relation to the already written prior characters/punctuation.

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